

# Botulism

Agency: \_\_\_\_\_

Investigator: \_\_\_\_\_

Phone number: \_\_\_\_\_

**FOR STATE USE ONLY**

Status: ☐ Confirmed ☐ Probable  
☐ Suspect ☐ Not a case  
 Reviewer initials: \_\_\_\_\_  
 Referred to another state: \_\_\_\_\_

**CASE**

Last name: \_\_\_\_\_  
 First and middle name: \_\_\_\_\_  
 Maiden name: \_\_\_\_\_ Suffix: \_\_\_\_\_  
 Address line: \_\_\_\_\_  
 Zip: \_\_\_\_\_ City: \_\_\_\_\_  
 State: \_\_\_\_\_ County: \_\_\_\_\_  
 Phone: ( )- - Type: \_\_\_\_\_  
 Long-term care resident: ☐ Yes ☐ No ☐ Unknown  
 Facility name: \_\_\_\_\_

Date of Birth: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Estimated? ☐ Age: \_\_\_\_\_  
 Gender: ☐ Female ☐ Male ☐ Other \_\_\_\_\_  
 Pregnant: ☐ Yes ☐ No ☐ Unk Est. delivery date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 Marital status: ☐ Single ☐ Married ☐ Divorced ☐ Parent with partner ☐ Separated ☐ Widowed  
 Race: ☐ American Indian or Alaskan Native ☐ Unknown  
☐ Black or African American ☐ White  
☐ Hawaiian or Pacific Islander ☐ Asian  
 Ethnicity: ☐ Hispanic or Latino ☐ Not Hispanic or Latino ☐ Unknown  
 Parent/Guardian name: \_\_\_\_\_  
 Parent/Guardian phone: ( )- - Type: \_\_\_\_\_

**EVENT**

**Disease type** Foodborne ☐ Wound ☐ Infant ☐ Adult intestinal toxemia ☐  
 Diagnosis date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Onset date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 Event outcome: ☐ Survived this illness ☐ Died from this illness  
☐ Died unrelated to this illness ☐ Unknown  
 Date of death: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 Event exception: ☐ Case could not be found  
☐ Case could not be interviewed  
☐ Case refused interview  
☐ Other – see notes  
 Outbreak related: ☐ Yes ☐ No ☐ Unknown  
 Outbreak name: \_\_\_\_\_  
 Exposure setting: \_\_\_\_\_  
 Epi-linked: ☐ Yes ☐ No ☐ Unknown  
 Location acquired: ☐ In USA, in reporting state  
☐ In USA, outside reporting state  
☐ Outside USA  
☐ Unknown  
 State: \_\_\_\_\_ Country: \_\_\_\_\_

Healthcare provider information

Last name: \_\_\_\_\_  
 First name: \_\_\_\_\_  
 Provider title: ☐ ARNP ☐ MD ☐ DO ☐ NP ☐ PA  
 Facility name: \_\_\_\_\_  
 Address line 1: \_\_\_\_\_  
 Address line 2: \_\_\_\_\_  
 Zip code: \_\_\_\_\_ City: \_\_\_\_\_  
 State: \_\_\_\_\_ County: \_\_\_\_\_  
 Phone: ( )- - Type: \_\_\_\_\_

**LABORATORY FINDINGS**

Laboratory: \_\_\_\_\_ Accession #: \_\_\_\_\_ Collection date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 Date received: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Specimen source: \_\_\_\_\_ Test type: \_\_\_\_\_  
 Result type: ☐ Preliminary ☐ Final Result date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Result: ☐ Positive ☐ Negative  
 Organism: \_\_\_\_\_ Toxin Type: ☐ A ☐ B ☐ Other \_\_\_\_\_

Laboratory: \_\_\_\_\_ Accession #: \_\_\_\_\_ Collection date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 Date received: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Specimen source: \_\_\_\_\_ Test type: \_\_\_\_\_  
 Result type: ☐ Preliminary ☐ Final Result date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Result: ☐ Positive ☐ Negative  
 Organism: \_\_\_\_\_ Toxin Type: ☐ A ☐ B ☐ E ☐ F ☐ Other \_\_\_\_\_

Laboratory: \_\_\_\_\_ Accession #: \_\_\_\_\_ Collection date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

CONFIDENTIAL

PATIENT NAME: \_\_\_\_\_

Iowa Department of Public Health

Date received: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Specimen source: \_\_\_\_\_

Test type: \_\_\_\_\_

Result type: ☐ Preliminary ☐ Final

Result date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Result: ☐ Positive ☐ Negative

Organism: \_\_\_\_\_

Toxin Type: ☐ A ☐ B ☐ E ☐ F☐ Other \_\_\_\_\_**OCCUPATIONS****Interpret 'occupation' very loosely and consider every person to have at least one 'occupation'.**

Occupation type:

Worked after symptom onset:

☐ Yes ☐ No ☐ Unknown

Job title: \_\_\_\_\_

Facility name: \_\_\_\_\_

Date worked from: \_\_\_\_\_

Address: \_\_\_\_\_

Date worked to: \_\_\_\_\_

Zip code: \_\_\_\_\_

Removed from duties:

☐ Yes ☐ No ☐ Unknown

City: \_\_\_\_\_

State: \_\_\_\_\_

County: \_\_\_\_\_

Date removed: \_\_\_\_\_

Phone: (\_\_\_\_)\_\_\_\_-\_\_\_\_-\_\_\_\_ Type: \_\_\_\_\_

Handle food: ☐ Yes ☐ No ☐ Unknown

Attend or provide child care: ☐ Yes ☐ No ☐ Unknown

Attend school: ☐ Yes ☐ No ☐ Unknown

Work in a lab setting: ☐ Yes ☐ No ☐ Unknown

Work in a health care setting: ☐ Yes ☐ No ☐ Unknown

Direct patient care duties in lab or health care setting: ☐ Yes ☐ No ☐ Unknown

Health care worker type: \_\_\_\_\_

Occupation type:

Worked after symptom onset:

☐ Yes ☐ No ☐ Unknown

Job title: \_\_\_\_\_

Facility name: \_\_\_\_\_

Date worked from: \_\_\_\_\_

Address: \_\_\_\_\_

Date worked to: \_\_\_\_\_

Zip code: \_\_\_\_\_

Removed from duties:

☐ Yes ☐ No ☐ Unknown

City: \_\_\_\_\_

State: \_\_\_\_\_

County: \_\_\_\_\_

Date removed: \_\_\_\_\_

Phone: (\_\_\_\_)\_\_\_\_-\_\_\_\_-\_\_\_\_ Type: \_\_\_\_\_

Handle food: ☐ Yes ☐ No ☐ Unknown

Attend or provide child care: ☐ Yes ☐ No ☐ Unknown

Attend school: ☐ Yes ☐ No ☐ Unknown

Work in a lab setting: ☐ Yes ☐ No ☐ Unknown

Work in a health care setting: ☐ Yes ☐ No ☐ Unknown

Direct patient care duties in lab or health care setting: ☐ Yes ☐ No ☐ Unknown

Health care worker type: \_\_\_\_\_

**HOSPITALIZATIONS**Was the case hospitalized? ☐ Yes ☐ No ☐ Unknown

Hospital: \_\_\_\_\_

Isolated at entry: ☐ Yes ☐ No ☐ Unk

Isolation type (entry): \_\_\_\_\_

Admission date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Discharge date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Days hospitalized: \_\_\_\_\_

Currently isolated: ☐ Yes ☐ No ☐ Unk

Current isolation type: \_\_\_\_\_

**CLINICAL INFO & DIAGNOSIS****Symptoms:**

- ☐ Abdominal cramps ☐ Dry Mouth
- ☐ Blurred vision ☐ Erythema
- ☐ Constipation ☐ Fever
- ☐ Diarrhea ☐ Slurred Speech
- ☐ Diplopia (double vision) ☐ Vomiting
- ☐ Dizziness

Preexisting wound 14 prior to onset? ☐ Yes ☐ No ☐ Unk**Wound location:**

- ☐ Head
- ☐ Trunk
- ☐ Upper extremity
- ☐ Lower extremity

**Wound type:**

- ☐ Abrasion
- ☐ Avulsion
- ☐ Burn
- ☐ Compound fracture
- ☐ Crush
- ☐ Frostbite
- ☐ Linear laceration
- ☐ Puncture
- ☐ Stellate laceration

**Wound depth:**☐ 1 cm or less ☐ >1 cm**Signs of infection:**☐ Yes ☐ No ☐ Unk**Contaminated:**☐ Yes ☐ No ☐ Unknown**Devitalized, ischemic, or denervated tissue:**☐ Yes ☐ No ☐ Unknown

Date wound occurred: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**Setting:**

- ☐ Petting Zoo
- ☐ Automobile
- ☐ Farm/yard
- ☐ Work
- ☐ Other \_\_\_\_\_

☐ Home**Other wound details:**

**Botox injections 14 days prior to symptoms?** ☐ Yes ☐ No ☐ Unknown  
 (If Yes, complete the following section. If No, skip to the next section.)

Injection date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Facility name: \_\_\_\_\_ Provider name: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

County: \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_ - \_\_\_\_ Type: \_\_\_\_\_

**Tensilon test performed:** ☐ Yes ☐ No ☐ Unk

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**Results:** ☐ Positive ☐ Negative  
☐ Equivocal ☐ Unknown

**EMG test performed:** ☐ Yes ☐ No ☐ Unk

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**Compatible with Botulism diagnosis?**

☐ Yes ☐ No ☐ Unk

**OTHER LAB FINDINGS**

**Food, medication or environmental samples tested?** ☐ Yes ☐ No ☐ Unknown  
 (If Yes, complete the following section. If No, then skip to the next section.)

**Tested for preformed**

**toxin:** ☐ Yes ☐ No ☐ Unk

Laboratory: \_\_\_\_\_

Toxin type: ☐ A ☐ B ☐ E  
☐ F ☐ G

Describe samples: \_\_\_\_\_

List positive samples: \_\_\_\_\_

**Tested for C. botulinum**

**or other serotype:** ☐ Yes ☐ No ☐ Unk

Laboratory: \_\_\_\_\_

Describe samples: \_\_\_\_\_

List positive samples: \_\_\_\_\_

**TREATMENT**

**For the illness, were any of the following treatments required:**

**Tracheotomy:** ☐ Yes ☐ No ☐ Unk

**Ventilator:** ☐ Yes ☐ No ☐ Unk

Duration in days: \_\_\_\_\_

**Antitoxins prescribed?** ☐ Yes ☐ No ☐ Unk

**Therapeutic medications prescribed?** ☐ Yes ☐ No ☐ Unk

Date started: \_\_\_\_\_

List medications: \_\_\_\_\_

Dose: \_\_\_\_\_ Unit: \_\_\_\_\_

# days: \_\_\_\_\_ # times each day: \_\_\_\_\_

Route: \_\_\_\_\_

**INFECTION TIMELINE**

Enter onset date in dark-line box. Enter dates for start of exposure period and start and end of communicable period.

**EXPOSURE PERIOD**

The incubation period for **botulism** 12-80 hours, depending on the type. The shorter the incubation period, the more severe the disease and higher case fatality rate.

**Onset****COMMUNICABLE PERIOD**

There are no documented cases of person to person transmission.

**In the 36 hours prior to onset of symptoms did the case consume:**

**Home canned foods:** ☐ Yes ☐ No ☐ Unk

From dates consumed: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

To dates consumed: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

List all source/types: \_\_\_\_\_

List all brand names: \_\_\_\_\_

**Fish:** ☐ Yes ☐ No ☐ Unk

From dates consumed: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

To dates consumed: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

List all source/types: \_\_\_\_\_

List all brand names: \_\_\_\_\_

**Meat other than fish:** ☐ Yes ☐ No ☐ Unk

From dates consumed: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

To dates consumed: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

List all source/types: _____ <b>Potato or potato products:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unk From dates consumed: ____ / ____ / ____ List all source/types: _____ Describe preparation: _____	List all brand names: _____ To dates consumed: ____ / ____ / ____ List all brand names: _____
<b>Other root vegetable:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unk From dates consumed: ____ / ____ / ____ List all source/types: _____	To dates consumed: ____ / ____ / ____ List all brand names: _____

In the 14 days prior to symptoms did the case Inject street drugs or steroids? ☐ Yes ☐ No ☐ Unknown

**CONTACTS**

**Contacts with the same exposures** ☐ Yes ☐ No ☐ Unknown

Name	DOB	Gender	Address/Phone
____ / ____ / ____		<input type="checkbox"/> Male <input type="checkbox"/> Female	_____ Zip code: _____ Phone: ____ - ____ - ____
<b>Relationship to case:</b>		<b>List symptoms</b>	<b>Symptom onset date</b> <b>Same foods consumed?</b> <b>Is contact a case?</b>
<input type="checkbox"/> Spouse	<input type="checkbox"/> Sexual contact	____ / ____ / ____	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No
<input type="checkbox"/> Child	<input type="checkbox"/> Family member (non-household)	_____	
<input type="checkbox"/> Sibling	<input type="checkbox"/> Friend/acquaintance	_____	
<input type="checkbox"/> Roommate	<input type="checkbox"/> Contact- work/school/etc	_____	
<input type="checkbox"/> Parent/ guardian	<input type="checkbox"/> Unknown/Other	_____	

*If this contact is a case create a new event and/or case for this contact.* ←

Name	DOB	Gender	Address/Phone
____ / ____ / ____		<input type="checkbox"/> Male <input type="checkbox"/> Female	_____ Zip code: _____ Phone: ____ - ____ - ____
<b>Relationship to case:</b>		<b>List symptoms</b>	<b>Symptom onset date</b> <b>Same foods consumed?</b> <b>Is contact a case?</b>
<input type="checkbox"/> Spouse	<input type="checkbox"/> Sexual contact	____ / ____ / ____	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No
<input type="checkbox"/> Child	<input type="checkbox"/> Family member (non-household)	_____	
<input type="checkbox"/> Sibling	<input type="checkbox"/> Friend/acquaintance	_____	
<input type="checkbox"/> Roommate	<input type="checkbox"/> Contact- work/school/etc	_____	
<input type="checkbox"/> Parent/ guardian	<input type="checkbox"/> Unknown/Other	_____	

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____ / ____ / ____		<input type="checkbox"/> Male <input type="checkbox"/> Female	_____ Zip code: _____ Phone: ____ - ____ - ____
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<input type="checkbox"/> Spouse	<input type="checkbox"/> Sexual contact	____ / ____ / ____	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No
<input type="checkbox"/> Child	<input type="checkbox"/> Family member (non-household)	_____	
<input type="checkbox"/> Sibling	<input type="checkbox"/> Friend/acquaintance	_____	
<input type="checkbox"/> Roommate	<input type="checkbox"/> Contact- work/school/etc	_____	
<input type="checkbox"/> Parent/ guardian	<input type="checkbox"/> Unknown/Other	_____	

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Name	DOB	Gender	Address/Phone
____ / ____ / ____		<input type="checkbox"/> Male <input type="checkbox"/> Female	_____ Zip code: _____ Phone: ____ - ____ - ____
<b>Relationship to case:</b>		<b>List symptoms</b>	<b>Symptom onset date</b> <b>Same foods consumed?</b> <b>Is contact a case?</b>
<input type="checkbox"/> Spouse	<input type="checkbox"/> Sexual contact	____ / ____ / ____	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No
<input type="checkbox"/> Child	<input type="checkbox"/> Family member (non-household)	_____	
<input type="checkbox"/> Sibling	<input type="checkbox"/> Friend/acquaintance	_____	
<input type="checkbox"/> Roommate	<input type="checkbox"/> Contact- work/school/etc	_____	
<input type="checkbox"/> Parent/ guardian	<input type="checkbox"/> Unknown/Other	_____	

*If this contact is a case create a new event and/or case for this contact.* ←

NOTES: